

20011007.qrp v02_n335.qrl.20011007

Date: Sun, 7 Oct 2001 19:03:06 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2335

QRP-L Digest 2335

Topics covered in this issue include:

- 1) [108195] Re: Sending slower than copy
by Bruce Muscolino <w6toy@erols.com>
- 2) [108196] Keys and keyer FS
by "Ken Simpson, W8EK" <W8EK@fdt.net>
- 3) [108197] Re: Best headphones for QRP rigs
by "James R. Duffey" <jamesd1@flash.net>
- 4) [108198] Re: George Heron Coming To Pacificon!!!!!!!!!!!!
by "Bill Jones" <kd7s@psnw.com>
- 5) [108199] Re This WAS Thing
by Joseph Mikuckis <k3chp@erols.com>
- 6) [108200] Re: Best headphones for QRP rigs
by David Gauding <david.gauding@bbs.galilei.com>
- 7) [108201] Re: Sending slower than receive
by "Bob Follett" <bfollett@msn.com>
- 8) [108202] Re: Re This WAS Thing
by "Tom" <n1tp@worldnet.att.net>
- 9) [108203] Re: Sending slower than copy
by "James R. Duffey" <jamesd1@flash.net>
- 10) [108204] Please ignore
by baltimoremd@baltimoremd.com
- 11) [108205] CQP : The California QSO Party
by "Alan Kaul" <alan.kaul@worldnet.att.net>
- 12) [108206] LDG RT-11 Question
by "N3BJ" <qrpdx@earthlink.net>
- 13) [108207] For Those Wondering
by Joel M Denison <hamjoel@juno.com>
- 14) [108208] Re: CQP : The California QSO Party
by "N7SG K7FD" <k7fd@hotmail.com>
- 15) [108209] Ten Tec 1300 Series CW Transceiver Mods
by Monty N5FC <n5fc@io.com>
- 16) [108210] Re: [GQRP] Sprat
by George Gingell <k3tks@u1.abs.net>
- 17) [108211] Re: This WAS thing
by <muglesto@ecentral.com>
- 18) [108212] Re: Best headphones for QRP rigs
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 19) [108213] Antenna ??

by "Dennis Ponsness" <wb0wao@hotmail.com>
20) [108214] Fw: Antenna ??
by William K Penhallegon <w4stx@juno.com>
21) [108215] G-QRP-L ?
by K5BDZ@aol.com
22) [108216] Re: G-QRP-L ?
by "Leon Heller" <leon_heller@hotmail.com>
23) [108217] Re: Antenna ??
by John Harper AE5X <ae5x@qsl.net>
24) [108218] Re: Antenna ??
by "Karl F. Larsen" <k5di@zianet.com>
25) [108219] Radio Shack 273-1653 Wall Wart
by SMurph555@aol.com
26) [108220] What a rush!
by Michael Bower <bowerm@ix.netcom.com>
27) [108221] Re: Antenna ?? A bit long.
by "Steve and Anne Ray" <sbralr@worldnet.att.net>
28) [108222] Propagation: 10 METERS is JUMPIN'
by "Tom" <n1tp@worldnet.att.net>
29) [108223] Re: Antenna ??
by "George, W5YR" <w5yr@att.net>
30) [108224] Fox - 40 mtr Fox Hunt Teams -
by Bruce Rattray <rattray@gpfn.sk.ca>
31) [108225] Signal Grounding Question (long)
by Bill Lazure <n2tpa@juno.com>
32) [108226] RE: What a rush!
by Nick Kennedy <nkennedy@tcainternet.com>
33) [108227] Re: Best headphones for QRP rigs?
by "Glenn Butzlaff" <gbutzlaff@wi.rr.com>
34) [108228]
by "Floyd Smithberg" <nq7x@earthlink.net>
35) [108229] BUBBA Results
by "Floyd Smithberg" <nq7x@earthlink.net>
36) [108230] N0SXX on top of C0
by "Lau, Zack, W1VT" <zlau@arrl.org>
37) [108231] FS FT817
by Bill Walker <kd7jzb@mindspring.com>
38) [108232] Re: Propagation: 10 METERS is JUMPIN'
by wb0wao@hotmail.com (Dennis Ponsness)
39) [108233] Re: Antenna ?? A bit long.
by "Karl F. Larsen" <k5di@zianet.com>
40) [108234] Re: N0SXX on top of C0
by "Tom" <n1tp@worldnet.att.net>
41) [108235] FS: Elecraft K1 band module...
by Patrick Armstrong <aa7fg@gte.net>
42) [108236] Re: Antenna ??
by William R Colbert <w5xe@juno.com>
43) [108237] Re: N0SXX on top of C0

by Dave Gingrich <gingrich2@dcg.org>

44) [108238] Re: Antenna ??
by Larry Cahoon <lejek@erols.com>

45) [108239] SC
by Larry Cahoon <lejek@erols.com>

46) [108240] FOX: Are the "Big Dawgs" SK?
by "Tom" <n1tp@worldnet.att.net>

47) [108241] The airways today...
by "Mike Yetsko" <myetsko@insydesw.com>

48) [108242] Re: The airways today...
by "Brice D. Hornback" <bdh@cyberbound.net>

49) [108243] Re: Antenna
by "James R. Duffey" <jamesd1@flash.net>

50) [108244] Re: Antenna ??
by "Rob Matherly" <kc0bom@arrl.net>

51) [108245] Antenna, optimum
by "Karl F. Larsen" <k5di@zianet.com>

52) [108246] Re: The airways today...
by "Karl F. Larsen" <k5di@zianet.com>

53) [108247] Re: The airways today...
by "W3CDE Jerry L." <w3cde@bellsouth.net>

54) [108248] Re: Antenna, optimum
by "W3CDE Jerry L." <w3cde@bellsouth.net>

55) [108249] Call for Winter Cub Fox's
by "Karl F. Larsen" <k5di@zianet.com>

56) [108250] Re: Antenna, optimum
by "George, W5YR" <w5yr@att.net>

57) [108251] Re: Antenna, optimum
by "George, W5YR" <w5yr@att.net>

58) [108252] FS: New (yes, New) JPS NIR-12 Digital Sig Processor & Kent
TP-1 ...FS by N0JR-NOT ME
by "Ed Tanton" <n4xy@att.net>

59) [108253] Re: Antenna, optimum
by George Franklin <w0av@juno.com>

60) [108254] Re: Antenna, optimum
by George Franklin <w0av@juno.com>

61) [108255] Re: FS: New (yes, New) JPS NIR-12 Digital Sig Processor & Kent TP-1
...FS by N0JR-NOT ME
by "George, W5YR" <w5yr@att.net>

62) [108256] Re: Antenna, optimum
by "George, W5YR" <w5yr@att.net>

63) [108257] Re: N0SXX on top of CO
by Dave Fouchey <dafouchey@home.com>

64) [108258] Oh, dem relays be a clickin' now!
by nilsbull@juno.com

65) [108259] Re: Antenna, optimum
by "Karl F. Larsen" <k5di@zianet.com>

Date: Sat, 06 Oct 2001 19:07:36 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: aturner13@triad.rr.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [108195] Re: Sending slower than copy
Message-ID: <3BBF8EB8.73AF5598@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Alex,

U have experienced this too. I think it is a matter of your reflexes. You know what you want to send but your reflexes are not up to the task. You hear the character being formed but you can't react fast enough to cut it off when fully formed!

You might try the old practice off line idea! Using your keyer or key, adjust it to a speed you can send comfortably. Send a page or so of text, say from QST. Do this several days in a row and gradually increase the speed. Y0u should find you get a bit better each day. It worked when you were learning to send the code, it should still work. I'm 61.

73

Date: Sat, 6 Oct 2001 19:10:39 -0400
From: "Ken Simpson, W8EK" <W8EK@fdt.net>
To: "QRP List" <qrp-l@lehigh.edu>
Subject: [108196] Keys and keyer FS
Message-ID: <06b701c14ebc\$1e138b20\$4a91d4d1@toshiba>

For Sale:

World War II vintage J-12 straight key.
I am guessing on the vintage, but it must be somewhere in that era - maybe earlier. It matches pictures that I have found, indicating that it is a J-12. Includes cotton covered cord. The fact it is cotton covered says something about its vintage. \$ 40

Oval Base CW straight key.
This one is more modern, brass colored base, with ball bearings and shorting switch. \$ 25

TenTec KR-50 keyer.

Iambic, with dit and dah memories, if desired (they can be turned on or off). Built in Iambic paddles, 12 V DC or 110 V AC power, and reed relay output to key most any rig. \$ 60

Prices do not include shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson

E-mail to W8EK@fdt.net or W8EK@yahoo.com

Voice Phone (352) 732-8400

Date: Sat, 06 Oct 2001 17:13:05 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: <qrp-l@lehigh.edu>, <gbutzlaff@wi.rr.com>
Subject: [108197] Re: Best headphones for QRP rigs
Message-ID: <B7E4EC20.DE26%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Glenn - I have several sets of headphones that I use;

1. An old pair of Yaesu headphones that are "communications" not Hi-Fi. These are over the ear type. These are very good, but the headband is springy and they tend to pinch the ears after a while.

2. An old pair of Koss PR0-4As. These are Stereo Hi-Fi phones and are quite

comfortable. I use them with an audio filter to cut the high frequency hiss often found in QRP audio stages.

3. A set of Sony Ear Buds. These are great for portable operation.

4. Numerous "Walkman" type earphones that I inherited from the kids and which are in various stages of disrepair. Usually I mend them with friction tape, coathangers, and other miscellaneous bits and pieces.

5. I have a nice set of Koss "digital headphones" which are sort of a cross between over the ear and on the ear "walkman" type phones. They are comfortable and reproduce CW from my OHR Classic very nicely. I borrowed these from Jay, WA5WHN, at the last FYBO and have not returned them. They are pretty good. I like them a lot. A whole lot.

I used to have an old set of Sennheiser headphones which were my favorite. They were the over the ear type. I am not sure what happened to them, but I no longer have them. I really need to get a new pair. They are probably the most comfortable headphones for long sessions like Sweepstakes.

If you get "Walkman" Hi-Fi style headphones be prepared to find them missing when the kids break theirs. - Dr. Megacycle KK6MC/5 Radio Green Chile

--

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Sat, 6 Oct 2001 16:42:22 -0700
From: "Bill Jones" <kd7s@psnw.com>
To: <DYARNES@aol.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [108198] Re: George Heron Coming To Pacificon!!!!!!!!!!!!
Message-ID: <002b01c14ec0\$a0c77c80\$288b6bd1@microsoft>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I, too, was extremely happy to hear that George is coming. I was equally disappointed that Dave Yarnes won't. But I have a solution for Dave.

B-R-I-N-G Y-O-U-R M-O-T-H-E-R-I-N-L-A-W

We'd love to meet her.

=====

Bill Jones - KD7S <><
Sanger, California

=====

----- Original Message -----

From: <DYARNES@aol.com>>

> Unfortunately, I won't be able to join the fun. It's the first Pacificon
> I've missed in years, but it's for a good reason. My dear old
mother-in-law
> (and folks, she really is a sweetheart) will be celebrating her 90th
birthday
> here in Tucson. Family and friends will be coming from all over the
country,
> including many from the Lebanon, PA area where she was born and raised

Date: Sat, 06 Oct 2001 20:06:39 -0400
From: Joseph Mikuckis <k3chp@erols.com>
To: qrp-l@lehigh.edu
Subject: [108199] Re This WAS Thing
Message-ID: <3BBF9C8F.239@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For the past two months I have been looking into moving to Delaware.
The more I look, the more I like the state. Hope to make the move in
the next several months. If, and when. I do, I will continue to be
active and will QSL 100% (no sase required). Also will be happy to set
up schedules.

Joe, K3CHP
Riverdale, MD

Date: Sat, 06 Oct 2001 19:08:16 -0500
From: David Gauding <david.gauding@bbs.galilei.com>
To: qrp-l@lehigh.edu
Subject: [108200] Re: Best headphones for QRP rigs
Message-ID: <5.1.0.14.0.20011006184812.02aec020@bbs.galilei.com>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Howdy,

I have a Sony Discman ESP2. It's a good, basic portable CD player.

The unit came with Sony MDR-24 "walkman" headphones. They also work well with my DSW-20 plus other homebrew and commercial rigs.

Very sensitive, low hiss, large foam ear-pads, wide head band and comfortable. No thump or low-level pop when sending CW which is a big plus. This is not a folding design.

Have never seen this model in the stores but it's probably safe to assume it is sold individually in "blister-packs".

Regards,

de Dave, NF0R nf0r@slacc.com

Date: Sat, 6 Oct 2001 18:47:24 -0600
From: "Bob Follett" <bfollett@msn.com>
To: "QRP-L Group" <qrp-l@lehigh.edu>
Subject: [108201] Re: Sending slower than receive
Message-ID: <021c01c14ec9\$c865eac0\$2f440e3f@dttn200b>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang:

Bruce wrote:

<<You know what you want to send but your reflexes are not up to the task. You hear the character being formed but you can't react fast enough to cut it off when fully formed! >>

Could be the issue, but I suggest that many of us lose small muscle control in our hands, which reduces our ability to control the timing -- The result, however, is the same.

Keyboards, anyone?

Maybe NorCal (Doug) or "melt solder" Steve can surprise us with a small, voice to CW converter kit? (No, PC's with soundcards don't count :-))

73, Bob

Bob Follett AB7ST
3133 American Saddler Dr.
Park City, UT 84060

Date: Sat, 6 Oct 2001 20:01:27 -0400
From: "Tom" <n1tp@worldnet.att.net>
To: <k3chp@erols.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [108202] Re: Re This WAS Thing
Message-ID: <001401c14ec3\$36c73a20\$88984d0c@tom>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Joe, K3CHP in MD, writes: Hope to make the move [to Deleware] in the next several months. If, and when. I do, I will continue to be active and will QSL 100% (no sase required). Also will be happy to set up schedules.

Sounds good, Joe. When I worked on my first WAS I was beginning to believe there were no U.S. Post Officees in Deleware. I finally received a WAS QSL card from Deleware from (as best I can recall) my 7th QSO.

Tom, N1TP
Nqples, Florida

Date: Sat, 06 Oct 2001 18:54:14 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: <qrp-l@lehigh.edu>
Cc: <aturner13@triad.rr.com>
Subject: [108203] Re: Sending slower than copy
Message-ID: <B7E503D4.DE2B%jamesd1@flash.net>
Mime-version: 1.0

Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Alex - Here are some hints for sending faster:

- a) If you are using a straight key, switch to a keyer.
- b) If you are already using a keyer learn to use iambic keying.
- c) If you are using a keyer, try using a keyboard.

Practice lots. - Dr. MEGacycle KK6MC/5 Radio Green Chile

--

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Sat, 6 Oct 2001 21:08:09 -0400 (EDT)
From: baltimoremd@baltimoremd.com
To: "qrp-L@Lehigh.EDU" <qrp-L@Lehigh.EDU>
Subject: [108204] Please ignore
Message-ID: <20011006210745.T2804-1000000@unix1.vhost.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Test

thom

Date: Sat, 6 Oct 2001 18:20:30 -0700
From: "Alan Kaul" <alan.kaul@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [108205] CQP : The California QSO Party
Message-ID: <002801c14ece\$41c8e940\$6d28cd18@charterpipeline.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Come on in, the contest's fine.

Slow and easy. A good intro to CONTESTING. Easy exchange (even on CW).

Only worked 20 so far (mostly on 10M). I got RI today at 5w!

If you are in CA, the exchange is serial number + county, outside of CA it is serial number + USA state/ Canadian province or country.

Alan Kaul, W6RCL, LaCanada, CA
w6rcl@amsat.org
<http://home.att.net/~alan.kaul/index.html>

Date: Sat, 6 Oct 2001 21:27:33 -0400
From: "N3BJ" <qrpdx@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [108206] LDG RT-11 Question
Message-ID: <00d101c14ecf\$412c3ea0\$8bc4323f@hppav>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Group

Does the LDG RT-11 remote tuner require manual tune control ? Have a site 600 FT from the shack that could be difficult if I have to run anything other than hardline to the unit. I can power it from a gel cell and solar panel.

Help appreciated.

Alan, N3BJ
Bent Mountain, VA

Date: Sat, 6 Oct 2001 21:54:47 -0400
From: Joel M Denison <hamjoel@juno.com>
To: qrp-l@lehigh.EDU, fpqrp-l@mpna.com
Subject: [108207] For Those Wondering
Message-ID: <20011006.215448.-16479105.1.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Wondering about the references to sstv on 14.230 in other posts

well, there is the california qso party on this weekend
and if u park ur dial on 14.230 for about an hour or so
U WILL KNOW
and leave with a disgusted smile at the foolishness...

it's my freq u heah.... hee hee
according to the geneva convention...

oh ,, be building a kit or sumthin while listening as it
could lead to depression...i'm going to cw or psk
and see how the lower end lives.... :-)

Kella
joel
in maine
mainely smiling :-)

GET INTERNET ACCESS FROM JUNO!

Juno offers FREE or PREMIUM Internet access for less!
Join Juno today! For your FREE software, visit:
<http://dl.www.juno.com/get/web/>.

Date: Sat, 06 Oct 2001 19:02:47 -0700
From: "N7SG K7FD" <k7fd@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [108208] Re: CQP : The California QSO Party
Message-ID: <F12F0vsqM0c7ibbDdcT000050a8@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Alan's right! And the bands are in GREAT shape!

73 John K7FD

>
>Come on in, the contest's fine.
>
>Slow and easy. A good intro to CONTESTING. Easy exchange (even on CW).
>
>Only worked 20 so far (mostly on 10M). I got RI today at 5w!
>
>If you are in CA, the exchange is serial number + county, outside of CA it
>is serial number + USA state/ Canadian province or country.
>

>Alan Kaul, W6RCL, LaCanada, CA
>w6rcl@amsat.org
><http://home.att.net/~alan.kaul/index.html>
>

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Sat, 06 Oct 2001 21:37:41 -0500
From: Monty N5FC <n5fc@io.com>
To: AQRP@egroups.com, qrp-1@Lehigh.edu
Subject: [108209] Ten Tec 1300 Series CW Transceiver Mods
Message-ID: <5.1.0.14.1.20011006211033.00a7cec0@mail.io.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Gang!

I think the 1300 series T-Kit CW transceivers by TenTec, at less than \$100, are one of the best bargains in ham radio. The receivers are HOT, and offer features like AGC and 4-crystal filters. The VFO is pretty stable. It even comes with a complete enclosure, and all the knobs. And it seems to produce a solid 3-4 Watts output, even at 12.0 Volts. But many builders, including me, have encountered problems with the PA breaking into oscillation when attached to loads not perfectly 50-ohm resistive. Typically, when keying, one hears a "hiss" or "buzz" in the transmitter-derived sidetone, instead of a sinusoidal tone. As a fix, others have alluded to re-arranging the output inductors, but none gave very specific directions, or explained what was really happening (that I know of). A fellow ham recently asked how I fixed mine, and this was my answer:

I have built three (the 1340, 1330, and 1315) and all had stability problems as a result of stray coupling from the PA's output circuit to the driver circuits. I believe this to be caused by poor layout on the PCB (seems like they ran out of space). Having just successfully fixed three units, and taken them out to the field (i.e., the FIELD... the "boonies") and used them with three different antenna configurations, I think I have a solution for MANY (maybe not all) cases. Within the next few weeks, I'll document the mods I've done, including pictures, and put them on my web page. But for now, very briefly, here's the probable fix:

1. Pull the three core-wound inductors from the PI-Net output circuit, and rewind them with leads about 3/8" longer (than they were

previously). Strip the last 3/16" or so of the leads. When winding, count the number of times the wire passes the INSIDE of the core, or count the outside less one turn (for example, an 11-turn coil will show 10 wires on the outside, 11 passes on the inside. Arrange the turns as explained in the manual (spacing-wise), but ignore the pictorial when counting turns (some pictures are right, some are wrong)

2. Reinstall the 3 inductors, leaving them suspended ABOVE the board.

3. Arrange the coils so that they are at approximately 90 degree angles to adjacent coils, and away from the small balun transformer and all except output circuitry. Separate them by at least 1/4". Hold them in place temporarily with tape.

4. Test to see if the PA is now stable with real loads < 2:1 SWR. Rearrange coils if necessary. Don't necessarily expect stability at "high" SWRs (> 2:1, though it seems to "survive" them just fine).

5. When satisfied, hot-glue the coils in place, using a single dab of hot glue under each coil and between the coil and whatever it sits on (could be the adjacent output capacitors).

I have another mod for the PA bias circuit that I think may increase PA stability, but I'll leave that for the web page (later). For most problems, the above should take care of it.

Good luck. Let me know how it works out.

73,
monty N5FC

P.S. I do NOT recommend this kit for first-time electronikers (unless you have a good mentor-backup, with some test equipment). For one thing, it's easy to mis-align the BFO and Transmit Mixer-Osc so that one or the other are on the wrong side of zero-beat. If something doesn't quite work right, it can be a challenge to figure out, and Ten Tec won't be much help. (Their service is great, but I don't think they want to devote much time to kit-building endeavors that earn near-zero profit... in my mind, though, it's service enough, that they offer a kit-bargain with this feature-level)

Monty Northrup, N5FC
Austin, Texas
e-mail: n5fc@io.com
web page (ham radio): <http://www.io.com/~n5fc>
web page (home): <http://www.io.com/~maddog>

Date: Sat, 6 Oct 2001 22:50:56 -0400 (EDT)
From: George Gingell <k3tks@u1.abs.net>
To: <GQRP@yahoogroups.com>
Cc: QRP List <qrp-l@Lehigh.EDU>
Subject: [108210] Re: [GQRP] Sprat
Message-ID: <Pine.BSF.4.33.0110062241001.43859-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

In my earlier reply I forgot to mention "The Member's News" by Chris Page
G4BUE. Always a good read.. I was particularly pleased to See Photo and
Bio on New Friend Vytas, LY2PU. Also mentioned is the New Transceiver
Kit, "The Putin-20" by RV3GM, Oleg Borodin. (Origionator of "72").

More info about the kit at <<http://www.qsl.net/rv3gm/>> Oleg also gave us
the "Micro-80" Which, I believe predates the Pixie design.

Sir George, The First :^}

72 ES
QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
Former QRP A.R.C.I. Net Manager and Board of Director Member.
Gingell & Company, Ltd. Small Business Telephone Systems
Notary Public and Commercial Locksmith Services (301) 572-6789 Office & Fax
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

Date: Sat, 6 Oct 2001 12:26:36 -0600 (MDT)
From: <muglesto@ecentral.com>
To: "Rod Cerkoney, N0RC" <rod@n0rc.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [108211] Re: This WAS thing

Message-ID: <Pine.LNX.4.33.0110061222490.926-100000@mugleston.mugs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Rod,

Why are you having problems with Delaware? I seem to have a pipe line from my QTH in Denver to Delaware - it's a QRP pipe line both ways. But then that was at the bottom of the cycle - maybe your running too much power and shooting right past them?

de KI00T, Brad

On Fri, 5 Oct 2001, Rod Cercone, N0RC wrote:

> Folks,
>
> In an earlier post Dave, K1SWL mentioned WAS being obtained on 80m.
>
> I'll bet some of those contact were arranged, and required somebody
> traveling to a neighboring state. My own experience suggests there are
> no Hams (at least on HF) in Kansas or Delaware. TIC ;-)
>
> 73, Rod N0RC
> Ft Collins, CO
>
>
>

--

Brad Mugleston, KI00T
Aurora, Arapahoe Cty, Colorado
DM79oq 39.692500N 104.802600W
CQC #170, QRP-L #316, NorCal #2934

Date: Sun, 7 Oct 2001 00:43:42 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:david.gauding@bbs.galilei.com"
 <david.gauding@bbs.galilei.com>
Cc: ".QRP-L Discussion Group" <QRP-L@Lehigh.edu>,
 ")W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [108212] Re: Best headphones for QRP rigs
Message-ID: <200110070043_MC3-E274-969C@compuserve.com>
MIME-Version: 1.0

Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Dave:

My favourite headphones are the Radio Shack Optimus Pro 35. They are excellent for music CD's and operating QRP CW. Some would think they have too wide a frequency response, but they work very well for me. Plus they are light weight and durable. Last, they feature an in-line sliding control so you can adjust the volume a bit. I have found that feature very helpful when using the SST-20 and SST-40 rigs :-). These phones sometimes go on sale for as low as \$15.00, but they are a bargain even at higher prices.

73,
--Doc/K0EVZ

Date: Sun, 07 Oct 2001 06:24:22 +0000
From: "Dennis Ponsness" <wb0wao@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [108213] Antenna ??
Message-ID: <F1773FFVsQA31uY6aeh0000f98b@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Hi Gang -

Got a question about an antenna that I am thinking about building and putting up. It will be a "fan dipole" dipoles cut for 7.040, 10.106, and 14.060. Now, I know the 80m/30m and 40m/15m combos on a fan dipole are not recommended because of the odd harmonic effect, so I think that this combo will work OK, or am I missing something here? I will feed it with 450 ohm ladder line and a tuner of course :-). Oh, it will be in an inverted V configuration if that makes any difference.

72

Dennis Ponsness - WB0WAO
EN84ij Iosco Cty, Mich.
WAC WAS DXCC VUCC WPX
NJ-QRP #329 QRP-L #2348

FP #-347 SOC#499

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Sun, 7 Oct 2001 04:23:06 -0400
From: William K Penhallegon <w4stx@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [108214] Fw: Antenna ??
Message-ID: <20011007.042613.-626117.1.w4stx@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Dennis,
I have been using inverted vee "fan dipoles" for 40, 30 and 20 fed with
one run of coax for a year and it works just fine.

72,
Bill Penhallegon W4STX
Clearwater, Florida

Hi Gang -

Got a question about an antenna that I am thinking about building and
putting up. It will be a "fan dipole" dipoles cut for 7.040, 10.106, and

14.060. Now, I know the 80m/30m and 40m/15m combos on a fan dipole are
not

recommended because of the odd harmonic effect, so I think that this
combo

will work OK, or am I missing something here? I will feed it with 450
ohm

ladder line and a tuner of course :-) Oh, it will be in an inverted V
configuration if that makes any difference.

72

Dennis Ponsness - WB0WAO
EN84ij Iosco Cty, Mich.
WAC WAS DXCC VUCC WPX
NJ-QRP #329 QRP-L #2348
FP #-347 SOC#499

Date: Sun, 7 Oct 2001 07:11:00 EDT
From: K5BDZ@aol.com
To: qrp-l@lehigh.edu
Subject: [108215] G-QRP-L ?
Message-ID: <49.11fb77de.28f19244@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

What is the subscribe info for G-QRP-L?
K5BDZ

Date: Sun, 07 Oct 2001 11:55:07 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: K5BDZ@aol.com, qrp-l@Lehigh.EDU
Subject: [108216] Re: G-QRP-L ?
Message-ID: <F83tgceXEev8uEbJjC100006927@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>
>What is the subscribe info for G-QRP-L?
>K5BDZ

I think you will find it here: <http://www.gqrp.com>

73, Leon

--
Leon Heller, G1HSM Tel: +44 1327 359058 Email:leon_heller@hotmail.com
My web page: http://www.geocities.com/leon_heller
My low-cost Altera Flex design kit: <http://www.leonheller.com>

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Sun, 07 Oct 2001 08:01:52 -0400

From: John Harper AE5X <ae5x@qsl.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [108217] Re: Antenna ??
Message-ID: <000301c14f27\$daa74a40\$835dbc18@johnharp>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Dennis,

If you are feeding it with ladder line there is no reason to make your dipole into the "fan" configuration with separate elements for each band. The reason for making a fan dipole (which is normally fed with coax) is to achieve resonance on each band since the characteristics of coax-feeding it prevent being able to tune, say a 40m dipole for 20 meters.

If you are feeding it with ladder line, this isn't a problem - you're able to tune a standard dipole for any freq higher than its resonant frequency. My main antenna here is a 40m dipole at 65' fed with 450-ohm ladder line. I use it with great results on all bands, 10-40m.

John Harper AE5X
Outdoor QRP & Lowband DXing: <http://www.qsl.net/ae5x>

Date: Sun, 7 Oct 2001 06:16:08 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Dennis Ponsness <wb0wao@hotmail.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [108218] Re: Antenna ??
Message-ID: <Pine.LNX.4.33.0110070612180.1265-100000@cannac.fun>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Dennis, I don't like your fan dipole because it's a waste of wire. Since your using 450 ohm ribbon feedline and a tuner, why not just put up about 120 feet of wire and feed it in the center. You should be able to load it on any frequency from 3.5 to 30 MHz.

On Sun, 7 Oct 2001, Dennis Ponsness wrote:

> Hi Gang -
> Got a question about an antenna that I am thinking about building and

> putting up. It will be a "fan dipole" dipoles cut for 7.040, 10.106, and
> 14.060. Now, I know the 80m/30m and 40m/15m combos on a fan dipole are not
> recommended because of the odd harmonic effect, so I think that this combo
> will work OK, or am I missing something here? I will feed it with 450 ohm
> ladder line and a tuner of course :-) Oh, it will be in an inverted V
> configuration if that makes any difference.

>

> 72

>

>

Dennis Ponsness - WB0WAO

> EN84ij Iosco Cty, Mich.

> WAC WAS DXCC VUCC WPX

> NJ-QRP #329 QRP-L #2348

> FP #-347 SOC#499

>

>

>

> -----
> Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

>

>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.qsl.net/k5di/>

Date: Sun, 7 Oct 2001 09:06:39 EDT
From: SMurph555@aol.com
To: qrp-l@lehigh.edu
Cc: Caljsi@aol.com
Subject: [108219] Radio Shack 273-1653 Wall Wart
Message-ID: <51.124858f2.28f1ad5f@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi all,

I'm looking for some information on the subject wall wart, specifically what the no-load output voltage is. I'm assuming that the 273-1653 is an unregulated power supply.

The reason I'm seeking the no-load output voltage is that this wall wart is mentioned as a power source for both the JPS NIR-10 DSP audio filter/processor, as well as for the Radio Shack DSP 40 audio filter/processor. I acquired a couple of wall warts at a recent hamfest with

the intent of using them to power these units, but I'd like to make sure I don't put too much voltage on the units. Yep, I know what the rated full output performance is.

If someone has the no-load performance of the 273-1653, please let me know at caljsi@aol.com

72/73

Cal K4JSI

PS: A site that has some interesting information on evaluating wall warts as well as some information on charging gel cell batteries is

<http://www.qsl.net/ke3fl>

Date: Sun, 07 Oct 2001 09:11:32 -0400
From: Michael Bower <bowerm@ix.netcom.com>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [108220] What a rush!
Message-ID: <3BC05484.C008A2F@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

In the early 80s, I got my license, got on the air as a novice using CW and made a few contacts. Shortly after that I got my Tech license and my loving wife bought me a nifty HT for 2 meters (Kenwood TR-2500 - nice HT at the time). Got on 2 meters and forgot about HT and CW.

Off and on I used 2 meters over the years. Even my wife got a Tech license so we could use 2 meter to chat or stay in contact. (This was prior to FRS.)

2-3 years ago, I got the QRP bug. I've been building rigs and having a great time on this list since then.

HOWEVER...

Recently I bought an FT-817 (again, thanks to a loving wife <hi-hi>). This was my first good HF rig EVER.

Last weekend and this weekend, I finally got over MIC fright and PSK31 fright and GOT ON THE AIR!!!!

WHAT A RUSH!!! If the past 10 days, I've contacted 10-15 DX countries

and 5-10 states for WAS. About half of that was 20 meters & 10 meters SSB and half was 20 meters PSK31.

In yesterdays PSK31 Rumble, I bagged Sweden, Slovenia, Italy, Greece and New Zealand.

This is so much fun. And it's geting addictive (uh-oh). I even got up at 3am one morning to see if I could catch a TI2 DXPedition in San Jose, Puerto Rico.

Having a blast,

Michael Bower N4NMR

--

73 de N4NMR

Michael Bower

Ashburn, VA (near Washington, D.C.)

Date: Sun, 7 Oct 2001 09:33:14 -0400
From: "Steve and Anne Ray" <sbralr@worldnet.att.net>
To: <qrp-l@Lehigh.EDU>
Cc: <wb0wao@hotmail.com>
Subject: [108221] Re: Antenna ?? A bit long.
Message-ID: <003301c14f34\$a110a1c0\$d2cc5c0c@home>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I agree with the group that the only way to go is ladder line and cutting the antenna either for 80 Meters (120 or feet) or 40 meters (65 or so feet). I presently use a 125 foot dipole fed with ladder line on 80 thru 10 meters.

To provide some overall background all my antennas are no higher then 32 feet (tower is 32 feet high).

The following refers to how well I receive signals and therefore I presume the transmitted radiation pattern also applies. I can match the 80 meter dipole on all bands 80-10 meters, but it just does not cut it on receiving on 30, 17, 15 and 12 meters, compared to my dedicated coax fed dipoles for these bands.

I found out that while it works great on 80, 40, 20, and 10 it leaves a lot to be desired on 30, 17, 15 and 12 meters. My coax fed dipoles for these bands worked a lot better. I have now up a dipole cut for 30 meters fed with ladder line and it works great on 30 and 15 meters (1/2 wavelength on 30 meters and 1 wavelength on 15 meters. I then took the advice of W4RNL and put up a 1/2 wavelength for 17 meters and it works great also on 12 meters. Remember I can match any antenna, fed with ladder line, my concern is how well it receives and therefore gets out. My simple experiments on comparing antennas was just based upon strongest received signal when switching between the various dipoles. In QSOs switching between antennas gave consistently identical reports, the antenna I received the signal strongest on was also the strongest transmitting antenna (hey this reciprocity stuff really applies Hi Hi)

I gave up on the coax fed fan dipoles, years ago, while they work, they can be fun (work) to get working due to interaction.

Just as a side note, I tie the ladder line feedline of the 80 meter together connect it to the antenna tuner as a long wire, and run a 50 foot counter poise across the yard to my 120 foot chain link fence and have worked QRP 160 meters during the 160 meter contest. Worked up and down the East Coast, Canada and the mid west. This antenna is only at 32 feet.

Recommend you visit W4RNL site <http://www.cebik.com/radio.html> it is a wealth of info on antennas.

72,

Steve Ray K4JPN ex K1VKW
HW-101, HW-8, Elecraft K2 1422
HeathKit fan
EM82fp
Warner Robins GA

Date: Sun, 7 Oct 2001 09:16:46 -0400
From: "Tom" <n1tp@worldnet.att.net>
To: "qrp-l@Lehigh.EDU" <QRP-L@LEHIGH.EDU>
Subject: [108222] Propagation: 10 METERS is JUMPIN'
Message-ID: <003d01c14f32\$5173fec0\$46994d0c@tom>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

10 meters is wide open. It should be easy to nab some DX at QRP power output levels.

The UK, Estonia. and Kazhastan are booming into SW Florida on 10.

Tom, N1TP
Naples, Florida

Date: Sun, 07 Oct 2001 10:34:41 -0500
From: "George, W5YR" <w5yr@att.net>
To: wb0wao@hotmail.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [108223] Re: Antenna ??
Message-ID: <3BC07610.48EBE780@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Should work, but why the ladderline?

If you cut the dipoles to appropriate lengths, you can operate all three bands with feed from a single coax. Takes a bit of pruning but easily done, especially if you space the antennas apart as much as possible.

Dipoles should cover all of the bands in question without needing external tuning, especially for operation around the QRP watering holes.

I am all for ladderline here - have three antennas using it - but from what you describe, I think that coax would be more appropriate and avoid the use of a tuner.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe SOC 262
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Dennis Ponsness wrote:

>
> Hi Gang -
> Got a question about an antenna that I am thinking about building and
> putting up. It will be a "fan dipole" dipoles cut for 7.040, 10.106, and
> 14.060. Now, I know the 80m/30m and 40m/15m combos on a fan dipole are not

> recommended because of the odd harmonic effect, so I think that this combo
> will work OK, or am I missing something here? I will feed it with 450 ohm
> ladder line and a tuner of course :-)) Oh, it will be in an inverted V
> configuration if that makes any difference.

Date: Sun, 7 Oct 2001 10:04:16 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,
Low Power Group <qrp-l@LeHigh.EDU>
Subject: [108224] Fox - 40 mtr Fox Hunt Teams -
Message-ID: <Pine.LNX.4.33.0110070958430.11899-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The Teams are gathering at the starting line!

(1) - The Swamp Rats -
K4FB - Paul
K4BYF - Jack
N1TP - Tom
AF4PS - Mac
K0EVZ - Doc

(2) - The Raiders of the Lost RF -

(3) - The NE-TX Tornados -

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Sun, 7 Oct 2001 12:15:47 -0400
From: Bill Lazure <n2tpa@juno.com>
To: qrp-l@lehigh.edu
Subject: [108225] Signal Grounding Question (long)
Message-ID: <20011007.121555.-4025591.0.n2tpa@juno.com>
MIME-Version: 1.0
Content-Type: text/plain

Content-Transfer-Encoding: 7bit

A question for all you EEs out there...

I've acquired a new keyboard for my Keyboard Keyer. With this new keyboard, my keyer seems to be putting digital noise onto my +12V supply lines at 21MHz. The keyer and rig share the same supply.

I'd like to continue running the rig and keyer from a common supply, and due to space restraints, would like to use this new keyboard.

I've tried placing capacitance and ferrite chokes across all incoming/outgoing lines, but this hasn't proven very effective. I ****THINK**** that the direct tie of Digital and analog grounds is the source of the problem.

Thus, what are some of the rules of connecting digital and analog grounds together to minimize digital noise from leaking into sensitive analog circuitry? (while maintaining a common DC reference).

Then, with which ground should I shield the circuitry to prevent digital radiation?

FYI, the "analog" ground I'm referring to here is the RF station ground that the rig uses that appears on the supply negative lead through the chassis of my rig.

Thanks in advance,

Bill
W2EB

GET INTERNET ACCESS FROM JUNO!

Juno offers FREE or PREMIUM Internet access for less!

Join Juno today! For your FREE software, visit:

<http://dl.www.juno.com/get/web/>.

Date: Sun, 7 Oct 2001 12:06:15 -0500
From: Nick Kennedy <nkennedy@tcainternet.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [108226] RE: What a rush!
Message-ID: <01C14F28.774B6340.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Great post and reminder of what it's all about.

LXXII,

Nick, WA5BDU

WHAT A RUSH!!! If the past 10 days, I've contacted 10-15 DX countries and 5-10 states for WAS. About half of that was 20 meters & 10 meters SSB and half was 20 meters PSK31.

In yesterdays PSK31 Rumble, I bagged Sweden, Slovenia, Italy, Greece and New Zealand.

This is so much fun.
Having a blast,

Michael Bower N4NMR

Date: Sun, 7 Oct 2001 10:54:48 -0500
From: "Glenn Butzlaff" <gbutzlaff@wi.rr.com>
To: <qrp-l@lehigh.edu>
Subject: [108227] Re: Best headphones for QRP rigs?
Message-ID: <003d01c14f48\$646d2a40\$d3bf1d41@wi.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks to all for the many suggestions. I definitely need something to make a good ear seal, especially when I use the SW-40 upstairs when the family is around, ouch! Gonna run to Radio Shack today and look at the Pro 35, then AES on Monday to check out the Kenwood phones.

72 de Glenn, WE9K

Date: Sun, 7 Oct 2001 10:11:35 -0700
From: "Floyd Smithberg" <nq7x@earthlink.net>
To: "QRP-L Message" <qrp-l@Lehigh.edu>
Message-ID: <001d01c14f53\$1f80d020\$ceec09d40@floyd>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

The Sun provided hot enough temperatures but miserable propagation for Bubba this year. So, it was not surprising that we received only 7 logs/reports...not counting mine and Brian K7RE's. However, those seven hardy souls who participated and endured will receive a \$20 ScQRPion Stinger Frequency Counter kit and a Certificate for their efforts. We also thank all those who gave it a try but did not submit logs. Hopefully we will have better conditions next year. The winners were:

1) N4BP Bob Patten	109,000 points
2) K4FB Paul Womble	96,736
3) W7TAO Northern AZ QRP Assn	41,579
4) W2AGN John Sielke	16,888
5) WA7KJC Gale Thomas	11,600
6) WL7CDC Doug Stowers	10,432
7) K5QLF Fred Bonavita	99
73 Floyd NQ7X Phoenix,AZ ScQRPion	DM33vk

Date: Sun, 7 Oct 2001 10:17:32 -0700
From: "Floyd Smithberg" <nq7x@earthlink.net>
To: "QRP-L Message" <qrp-l@Lehigh.edu>
Subject: [108229] BUBBA Results
Message-ID: <001c01c14f53\$f3f23060\$ceec09d40@floyd>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sri, forgot the Subject line in earlier post.

> The Sun provided hot enough temperatures but miserable propagation for
Bubba
> this year. So, it was not surprising that we received only 7
> logs/reports...not counting mine and Brian K7RE's. However, those seven
> hardy souls who participated and endured will receive a \$20 ScQRPion
Stinger
> Frequency Counter kit and a Certificate for their efforts. We also thank
all
> those who gave it a try but did not submit logs. Hopefully we will have
> better conditions next year. The winners were:
> 1) N4BP Bob Patten109,000 points
> 2) K4FB Paul Womble 96,736
> 3) W7TAO Northern AZ QRP Assn 41,579

> 4) W2AGN John Sielke 16,888
> 5) WA7KJC Gale Thomas 11,600
> 6) WL7CDC Doug Stowers 10,432
> 7) K5QLF Fred Bonavita 99
> 73 Floyd NQ7X Phoenix,AZ ScQRPion DM33vk

Date: Sun, 7 Oct 2001 13:21:35 -0400
From: "Lau, Zack, W1VT" <zlau@arrl.org>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [108230] N0SXX on top of C0
Message-ID: <125490A005E3D3118C9C00805FC743CC027E2FB2@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I just worked Gary on 14.0596MHz--Zack W1VT
his first summit QSO 1713Z

Date: Sun, 07 Oct 2001 10:27:02 -0700
From: Bill Walker <kd7jzb@mindspring.com>
To: QRP-L List <qrp-l@Lehigh.EDU>, FT817 <FT817@yahoogroups.com>
Subject: [108231] FS FT817
Message-ID: <5.0.2.1.0.20011007101219.009e8de0@mail.mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

The family needs new HT's.
I am selling my FT817 with 1500MAH NI-MH batteries and CT-62 computer interface cable.
I will also throw in my home brew PSK31 cable if you want it.
The "green wire" mod was done by unplugging the wire not cutting it and may be plugged back in at any time.
The radio has been well taken care of and is in excellent condition with no scratches or dings.
Comes in original box with all standard accessories including manual.
The radio may be seen in it's usual environment on my home page.
I'm asking \$610.00 shipped to your door in the lower 48 states.
Please reply direct.

72,

Bill Walker - KD7JZB
<http://www.qsl.net/kd7jzb>

Date: Sun, 7 Oct 2001 13:30:35 -0400 (EDT)
From: wb0wao@hotmail.com (Dennis Ponsness)
To: n1tp@worldnet.att.net
Cc: qrp-l@Lehigh.EDU (Low Power Amateur Radio Discussion)
Subject: [108232] Re: Propagation: 10 METERS is JUMPIN'
Message-ID: <7804-3BC0913B-212@storefull-266.iap.bryant.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

Hmmm, wonder if any YA stations are QRV right now?

Dennis Ponsness - WB0WAO
EN84ij Iosco Cty, Mich.
WAC WAS DXCC VUCC WPX
NJ-QRP #329 QRP-L #2348
FP #-347 SOC#499

Date: Sun, 7 Oct 2001 11:38:27 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Steve and Anne Ray <sbralr@worldnet.att.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [108233] Re: Antenna ?? A bit long.
Message-ID: <Pine.LNX.4.33.0110071120470.1839-100000@cannac.fun>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 7 Oct 2001, Steve and Anne Ray wrote:

> I agree with the group that the only way to go is ladder line and cutting
> the antenna either for 80 Meters (120 or feet) or 40 meters (65 or so feet).
> I presently use a 125 foot dipole fed with ladder line on 80 thru 10 meters.

Here is the meat of Steve's point...

>
> The following refers to how well I receive signals and therefore I presume
> the transmitted radiation pattern also applies. I can match the 80 meter

> dipole on all bands 80-10 meters, but it just does not cut it on receiving
> on 30, 17, 15 and 12 meters, compared to my dedicated coax fed dipoles for
> these bands.
>

Interesting. I assume the coax fed dipoles are not higher than the
80 meter wire, and run about the same direction. What is said that the 80
meter dipole works well on 1/2 wave and multiple wave frequencies that are
resonant in the band. But bands that are not resonant do not work well,
either on receive or transmit.

> I found out that while it works great on 80, 40, 20, and 10 it leaves a lot
> to be desired on 30, 17, 15 and 12 meters. My coax fed dipoles for these
> bands worked a lot better. I have now up a dipole cut for 30 meters fed
> with ladder line and it works great on 30 and 15 meters (1/2 wavelength on
> 30 meters and 1 wavelength on 15 meters. I then took the advice of W4RNL
> and put up a 1/2 wavelength for 17 meters and it works great also on 12
> meters. Remember I can match any antenna, fed with ladder line, my concern
> is how well it receives and therefore gets out. My simple experiments on
> comparing antennas was just based upon strongest received signal when
> switching between the various dipoles. In QSOs switching between antennas
> gave consistently identical reports, the antenna I received the signal
> strongest on was also the strongest transmitting antenna (hey this
> reciprocity stuff really applies Hi Hi)
>

Steve, if you have some s-meter readings recorded when you ran
the comparisons they would be interesting. But since you heard a
significant improvement it says 2 s units at least...

The reason if not direction must be tuner loss. But 2 s-units is
12 DB which is over a 90% loss at the tuner. This is possible and even
expected if the feedpoint impedance is low on bands that don't work.

On coax fed multi-dipoles, you can use 80 and 40 meter wires
without a problem. But trying to use them on 15 meters will not be good.

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.qsl.net/k5di/>

Date: Sun, 7 Oct 2001 12:39:54 -0400

From: "Tom" <n1tp@worldnet.att.net>
To: <z1au@arrl.org>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [108234] Re: N0SXX on top of CO
Message-ID: <000601c14f4e\$b1fa5160\$53984d0c@tom>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

At 1730 UTC I worked Gary (Mt. Top in Colo) 2 x QRP (559 both ways) from SW FL.

Gary has a darn good signal and good CW as well.

Tom, N1TP
Naples, FL.

Date: Sun, 07 Oct 2001 10:43:06 -0700
From: Patrick Armstrong <aa7fg@gte.net>
To: qrp-1@Lehigh.EDU
Subject: [108235] FS: Elecraft K1 band module...
Message-ID: <3BC0942A.B9D48482@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

KFL1 additional band module for 30/15M... The module is beautifully built and aligned and is new... Extra to my needs at this time... \$50.00

Pat, AA7FG - Oregon

Date: Sun, 7 Oct 2001 12:13:16 -0600
From: William R Colbert <w5xe@juno.com>
To: qrp-1@lehigh.edu
Subject: [108236] Re: Antenna ??
Message-ID: <20011007.121318.-367355.1.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I notice some naysayers about the proposed fan dipole, and perhaps they have not used such an antenna. I had used one at one time or another with excellent results. Coax fed, and with the flattop set for 80 and the fans for the higher bands. The best was a commercial trap fan dipole made by Hy-gain and it worked extremely well with my qrp in the early 1960's, strung as a sloper from the roof of the barracks in Germany to a short tree. Home made versions without the traps worked equally well. I would say go for it, and there are numerous writings in the antenna publications, particularly some years ago, so they have been around a long time, successfully.

73

Ray

"The more I see of the representatives of the people,
the more I admire my dogs." letter from Count d'Orsay
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2R
FP# 111, SOC#78,ARCI 5784, El Paso,(FAR WEST)TEXAS

Date: Sun, 07 Oct 2001 13:18:53 -0500
From: Dave Gingrich <gingrich2@dcg.org>
To: zlau@arrl.org
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [108237] Re: N0SXX on top of CO
Message-ID: <5.1.0.14.2.20011007131351.02a7fe50@172.22.1.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 13:21 10/7/2001 -0400, Lau, Zack, W1VT wrote:
>I just worked Gary on 14.0596MHz--Zack W1VT
>his first summit QSO 1713Z

I musta missed him. Didn't get a chance to try until about 1750. Gary must've given up, ...or his batteries froze.

Oh well... He didn't work me a couple of weeks ago when I put Indiana's high point on the air. Gess that means we're even :)

<http://dcg.org/hoosierhill>

=====
Dave Gingrich, K9DC
Indianapolis, Indiana

Dave@dcg.org

=====

Date: Sun, 07 Oct 2001 18:20:02 -0400

From: Larry Cahoon <lejek@erols.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [108238] Re: Antenna ??

Message-ID: <5.1.0.14.0.20011007175310.00b62770@pop.erols.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

I think a good reading of Cebik's pieces on an all around antenna for 20 through 80

<http://www.cebik.com/aledz.html> and a backup antenna for 80 through 20

<http://www.cebik.com/88.html> would be good reading for this discussion.

A ladder line antenna cut for 80 meters and used on 20 is going to have a lot more directivity and than a simple dipole cut for 20 fed with either coax or ladder line. If I have only one antenna I don't necessary want a lot of directivity as that cuts out part of the world for me. The takeoff angle is important as well. Too low and I'll skip right over some of the areas I might want. Too high and I make DX more difficult.

I've got a friend with a beam who has always had trouble getting into the Caribbean. We finally figured out his likely problem. He has it too high. The combination of the height of the beam and the hill he is on means his main lobe likely goes into the ground when he points the thing south.

I have a coax fed dipole facing south and one of Cebik's single band 20-10 meter antennas pointing west. Neither antenna is overall better than the other. I can see a 6-8 s-unit difference between them at times. The Coax does better to the south while the 20-10 meter antenna can't hear a thing sometimes. But the 20-10 shines in comparison to the west and northwest.

I liked the solution the fellow had who was using two long dipoles antennas set perpendicular to each other. I don't remember the length he was using but they would be similar to Cebik's 80-20 meter backup antenna.

What I'm trying to say is the choice is not between coax and ladderline for the multiband antenna. Rather the choice is based what you want to do with the antenna. Once you decided that then the kind of antenna you want to put up becomes a lot clearer.

73 de Larry.....WD3P in MD

<http://www.qsl.net/wd3p/>

Date: Sun, 07 Oct 2001 19:01:19 -0400
From: Larry Cahoon <lejek@erols.com>
To: qrp-l@lehigh.edu
Subject: [108239] SC
Message-ID: <5.1.0.14.0.20011007185746.00b413d0@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Since SC was mentioned yesterday as a bit hard to get I'll pass this along.

K4QFK/M has been running SC counties as he drives across the state. I just worked him at 1900z. I'm sure he is not QRP, but it still gives you SC. He shows up about every half hour to 45 minutes in a new county. Listen in on 14.056.5 if you need the state. You only need to to exchange signal reports and confirm what the other sent. He is running counties not doing rag chews.

73 de Larry.....WD3P in MD
<http://www.qsl.net/wd3p/>

Date: Sun, 7 Oct 2001 14:22:09 -0400
From: "Tom" <n1tp@worldnet.att.net>
To: "qrp-l@Lehigh.EDU" <QRP-L@LEHIGH.EDU>
Subject: [108240] FOX: Are the "Big Dawgs" SK?
Message-ID: <000b01c14f5c\$fb100080\$53984d0c@tom>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

It's rumored that the "Big Dawgs" Team is NOT forming up for the up-coming Winter 40 Meter Fox Hunts. Perhaps their past successes are a factor if this rumor is true. One or more of the former Big Dawgs may be up for grabs. It's also rumored there is a change to the Team Rules as follows: "No Team shall have as a member more than one (1) former Big Dawg." (g).

Cheers!

Tom, N1TP
Naples, Florida

Date: Sun, 7 Oct 2001 15:25:29 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [108241] The airways today...
Message-ID: <000f01c14f65\$d5d9da80\$0600a8c0@dad>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just wondering if anything really interesting is going on since the
attacks started...

Mike

Date: Sun, 7 Oct 2001 14:39:31 -0500
From: "Brice D. Hornback" <bdh@cyberbound.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [108242] Re: The airways today...
Message-ID: <02c101c14f67\$c99b2ba0\$7001a8c0@lwrnc1.in.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, I just re-read our neighborhood covenants and it seems I CAN put an antenna on the house (WITHOUT approval of our architecture planning committee) as long as I have written permission from any neighbors who can see it. I have a corner of our house that is only visible by ONE neighbor whom I'm on really good terms with. Does this count as "really interesting"? I'm really excited about it. Now... if I can only get the "XYL's approval"! Only "negative" thing about this is it DOES look like I'll have to go with a short vertical and it'll have to be in close proximity to the house - as in mounted to it and not above roof level. Any thoughts? I'm currently using a set of Hamsticks (on a tripod) with an antenna tuner but I don't have much room for radials.

72 / 73 de Brice KA8MAV
Indianapolis, IN EM79au
QRPP-I #1, QRP ARCI #10972, QRP-L #2360,
KLQRP, FPQRP -156, ARS, ARRL
<http://www.QRPP-I.com>

----- Original Message -----

From: Mike Yetzko <myetzko@insydesw.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Sunday, October 07, 2001 2:25 PM
Subject: The airways today...

> Just wondering if anything really interesting is going on since the
> attacks started...
>
> Mike
>
>

Date: Sun, 07 Oct 2001 13:39:14 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: <wb0wao@hotmail.com>, qrp-l <qrp-l@lehigh.edu>
Subject: [108243] Re: Antenna
Message-ID: <B7E60B82.DF80%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Dennis - If you are wed to using ladder line I recommend a 44 foot dipole center fed for bands 10 M to 40 M. If you are sure that you don't want to work above 20 M, then I would recommend an 88 ft antenna which should work fine on 80 M as well.

These antennas have the attribute of having the maximum radiation at 90 degrees from the antenna on all bands.

I agree that if you are using fan dipoles, then a coax fed system is fine. You may have to tweak the lengths ora tuner, but it should work fine. - Dr. Megacycle KK6MC/5 "Radio Green Chile"

--

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Sun, 7 Oct 2001 14:39:16 -0500
From: "Rob Matherly" <kc0bom@arrl.net>
To: <wb0wao@hotmail.com>,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [108244] Re: Antenna ??
Message-ID: <001701c14f67\$c6d295c0\$6d11a541@intern01>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Dennis;

I've got three inverted vees (40-20-15) on one feedline here fed directly with coax and it works great. No baluns, no chokes, no coils, just straight to the rig. Worked Europe on the 15 and 20, and the 40 gets out like nobody's business. I haven't noticed any interaction problems with the 15 and 40 on mine.

72/73/oo
Rob, kc0bom
FP Qrp -330; Live-Wire #442; IA QRP #143; SOC #497

Visit my website! <http://www.geocities.com/kc0bom>

----- Original Message -----
From: Dennis Ponsness <wb0wao@hotmail.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Sunday, October 07, 2001 1:24 AM
Subject: Antenna ??

Hi Gang -

Got a question about an antenna that I am thinking about building and putting up. It will be a "fan dipole" dipoles cut for 7.040, 10.106, and 14.060. Now, I know the 80m/30m and 40m/15m combos on a fan dipole are not recommended because of the odd harmonic effect, so I think that this combo will work OK, or am I missing something here? I will feed it with 450 ohm ladder line and a tuner of course :-)) Oh, it will be in an inverted V configuration if that makes any difference.

Dennis Ponsness - WB0WAO
EN84ij Iosco Cty, Mich.
WAC WAS DXCC VUCC WPX
NJ-QRP #329 QRP-L #2348
FP #-347 SOC#499

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

My e-mails are certified virus free... If your computer gets sick, I didn't do it!
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.282 / Virus Database: 150 - Release Date: 9/25/01

Date: Sun, 7 Oct 2001 14:21:56 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-l@lehigh.edu>
Subject: [108245] Antenna, optimum
Message-ID: <Pine.LNX.4.33.0110071419440.2582-100000@cannac.fun>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I want the antenna that has the maximum gain in the proper elevation angle of the Fox, both on 20 and 40 meters.

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.qsl.net/k5di/>

Date: Sun, 7 Oct 2001 14:31:29 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Mike Yettsko <myetsko@insydesw.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [108246] Re: The airways today...
Message-ID: <Pine.LNX.4.33.0110071430040.2582-100000@cannac.fun>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Bin Ladin was on television admitting to all the bombing and the Sept 11 attack. This is very helpful!

On Sun, 7 Oct 2001, Mike Yetsko wrote:

> Just wondering if anything really interesting is going on since the
> attacks started...
>
> Mike
>
>
>

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.qsl.net/k5di/>

Date: Sun, 07 Oct 2001 16:29:55 -0400
From: "W3CDE Jerry L." <w3cde@bellsouth.net>
To: bdh@cyberbound.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [108247] Re: The airways today...
Message-ID: <3BC0BB43.15172A6C@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Definitely sounds like you need to install a flag pole that is 32 feet high!! and feed with coax!

Jerry
W3CDE
Atlanta
with CCR..

"Brice D. Hornback" wrote:

>
> Well, I just re-read our neighborhood covenants and it seems I CAN put an

> antenna on the house (WITHOUT approval of our architecture planning
> committee) as long as I have written permission from any neighbors who can
> see it. I have a corner of our house that is only visible by ONE neighbor
> whom I'm on really good terms with. Does this count as "really
> interesting"? I'm really excited about it. Now... if I can only get the
> "XYL's approval"! Only "negative" thing about this is it DOES look like
> I'll have to go with a short vertical and it'll have to be in close
> proximity to the house - as in mounted to it and not above roof level. Any
> thoughts? I'm currently using a set of Hamsticks (on a tripod) with an
> antenna tuner but I don't have much room for radials.

>
> 72 / 73 de Brice KA8MAV
> Indianapolis, IN EM79au
> QRPp-I #1, QRP ARCI #10972, QRP-L #2360,
> KLQRP, FPQRP -156, ARS, ARRL
> <http://www.QRPp-I.com>

>
> ----- Original Message -----
> From: Mike Yetsko <myetsko@insydesw.com>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Sent: Sunday, October 07, 2001 2:25 PM
> Subject: The airways today...

>
> > Just wondering if anything really interesting is going on since the
> > attacks started...

> >
> > Mike
> >
> >

Date: Sun, 07 Oct 2001 16:32:07 -0400
From: "W3CDE Jerry L." <w3cde@bellsouth.net>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [108248] Re: Antenna, optimum
Message-ID: <3BC0BBC7.5AB3D185@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Karl,

Sounds like you need a 50 Ohm Global resistor mounted at the

roof peak/ridge. It will radiate at exactly the angle you need.

Jerry
W3CDE

"Karl F. Larsen" wrote:

>
> I want the antenna that has the maximum gain in the proper
> elevation angle of the Fox, both on 20 and 40 meters.
>
> --
> Yours Truly,
>
> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
> <http://www.qsl.net/k5di/>

Date: Sun, 7 Oct 2001 14:38:23 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-l@lehigh.edu>
Subject: [108249] Call for Winter Cub Fox's
Message-ID: <Pine.LNX.4.33.0110071436550.2582-100000@cannac.fun>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gangue:

This is the first call for Cub Fox's for the upcoming 40-Meter Winter Cub FOX Hunt. The season will run from Tuesday, October 30, 2001 through Tuesday, March 12, 2002. If you wish to be considered, complete the attached brief survey and return it to me at k5di@arrl.net. The absolute deadline for submissions will be Wednesday, October 24, 2001

The Hunt will be similar to this past summer's 20-Meter Cub FOX Hunt. Further, the rules will barely change. Every Tuesday evening there will be a FOX hunt on 40 Meters near 7.040 MHz. The Fox will be on the air working Hounds or calling CQ Fox for two full hours. The rest of us are the Hounds. We Hounds try to work as many Fox as possible during the season. It is great fun and also quite a challenge to work a Fox, particularly to work *all* the Fox's. The Winter Cub Fox Hunt is very popular.

The web page will be up very shortly. There we will have the schedule of events, Fox information, rules, and the results as they become available during the season. FYI--You can view last Winters rules and

things at the Cub Fox web site www.qsl.net/k5di/fox. It will be updated this month.

For now, please complete and e-mail back the following questionnaire. Feel free to expand the outline as needed so you can put down your information.

- - - - - S N I P - - - - -

1. Your Call:
2. Name:
3. QTH (City, State/Province, including Zip or Postal Code):
4. Contact telephone #:
5. E-Mail address:
6. Time Zone at your QTH:
7. Have you previously served as a FOX? (If yes, when and where and other particulars.):
8. Describe your ham radio interests:
9. Why do you want to serve as a FOX?
10. Describe your FOX rig and antenna:
11. What "blackout dates", if any, do you already know about during the upcoming season?
12. Include a digital picture of yourself with your rig, or family or whatever for the web page.

- - - - - S N I P - - - - -

I plan to publish this note at least once more, but let me urge everyone to get back to me soonest. Thanks and I hope to hear from YOU :-).

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.qsl.net/k5di/>

Date: Sun, 07 Oct 2001 15:37:53 -0500
From: "George, W5YR" <w5yr@att.net>
To: k5di@zianet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [108250] Re: Antenna, optimum
Message-ID: <3BC0BD21.5F5F7C44@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Karl, as my old Granddaddy used to say "You don't want much, do you?" <:}

I use five antenna systems here:

1. 20-meter Extended Double Zepp (88 ft) running NW/SE at 38 ft for 80 - 10
2. 20-meter EDZ at 38 ft running NE/SW for 80-10
3. 40-meter full-wave horizontal loop at 20-35 ft high
4. Butternut HF9V vertical ground-mounted over 60 radials
5. Parallel full-size dipoles for 80, 40, 30 and 20 meters mounted in the attic and fed with one RG-213 coax

The most important part of this station setup is the heavy-duty coax switch used to choose which antenna is in use.

Over many Fox Hunts on 20 and 40, I have found that at various times any or none of these antennas succeeded in getting a pelt! Most of the time, the fur does fly, but even with all the various azimuthal and elevation angles available among this set of skywires, there have been times that none of them could do the job on either band.

So, my experience has been that there is no single antenna that can do the trick. My approach has been to use a variety of wire antennas with differing properties and to be able to select among them quickly to determine which one does the best job at any particular time. There have been several times with ESP Foxii that I have transmitted on one antenna and received on another.

Good luck for the coming Hunts, and count on me to make as many Cub Hunts as I can.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe SOC 262
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

"Karl F. Larsen" wrote:

>

> I want the antenna that has the maximum gain in the proper
> elevation angle of the Fox, both on 20 and 40 meters.

Date: Sun, 07 Oct 2001 15:38:57 -0500

From: "George, W5YR" <w5yr@att.net>
To: w3cde@bellsouth.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [108251] Re: Antenna, optimum
Message-ID: <3BC0BD61.67D426E7@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jerry, should it be mounted horizontally or vertically?

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe SOC 262
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

"W3CDE Jerry L." wrote:

>
> Karl,
>
> Sounds like you need a 50 Ohm Global resistor mounted at the
> roof peak/ridge. It will radiate at exactly the angle you
> need.

Date: Sun, 7 Oct 2001 16:41:01 -0400
From: "Ed Tanton" <n4xy@att.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [108252] FS: New (yes, New) JPS NIR-12 Digital Sig Processor & Kent
TP-1 ...FS by N0JR-NOT ME
Message-ID: <01fc01c14f70\$60f11bb0\$250f4d0c@n4xy>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Folks... Jan, N0JR posted this on the For Sale Swap ref... this is
THE best there is for audio DSP filtering. I have two (one for HR & one
for SWL/etc.) else I'd buy this one. His email (the addr doesn't get
passed along with FORWARDS apparently) is: <swanman@cfu.net>

He also has:

1) Excellent Kent TP-1 Twin Paddle Iambic

Excellent cosmetic and working condition. Solid brass with extremely

smooth ballbearing action (none smoother). Sells new for \$150 + shipping. Will sell this one for \$95 shipped fully insured anywhere in the lower 48 (will ship internationally at buyer's expense).

2) Excellent Vectronics PM-30 WATTMETER

Useable 1.8-60mhz. Measures forward and reflected power. Two power ranges, 300 and 3000w. Lighted. Excellent condition cosmetically and operationally. Cost \$80 + shipping new. Will sell for \$45 shipped fully insured anywhere in lower 48 (will ship internationally at buyer's expense).

Both applicable to QRP. I have one of the TP-1s, and it's a great paddle. One of-if not THE-best of paddles for its original \$150 price-and a very nice deal at Jan's price.

If it needs saying, I have no interest in this... just a great filter & a very good key.

73 Ed Tanton N4XY <n4xy@arrl.net>

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Date: Sun, 7 Oct 2001 15:44:11 -0500
From: George Franklin <w0av@juno.com>
To: w5yr@att.net
Cc: qrp-l@Lehigh.EDU
Subject: [108253] Re: Antenna, optimum
Message-ID: <20011007.154412.-1610879.0.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Gurus,

How about a good isotropic antenna?

Small, lightweight, omnidirectional and only 2.2 dB less gain than a dipole.

72/73/74 de George
SOC#101
COG#1

Date: Sun, 7 Oct 2001 15:50:27 -0500
From: George Franklin <w0av@juno.com>
To: w5yr@att.net
Cc: qrp-1@Lehigh.EDU
Subject: [108254] Re: Antenna, optimum
Message-ID: <20011007.155027.-1610879.1.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Again Gurus,

Neglected to give my call at the end of the previous message. Sorry about that.

One thing about isotropic antennas. Awfully difficult to attach coax or open wire feeders.

72/73/74 de George/W0AV
SOC#101
COG#1

Date: Sun, 07 Oct 2001 15:51:23 -0500
From: "George, W5YR" <w5yr@att.net>
To: n4xy@att.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [108255] Re: FS: New (yes, New) JPS NIR-12 Digital Sig Processor & Kent TP-1
...FS by N0JR-NOT ME
Message-ID: <3BC0C04B.48A0C369@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Neither Ed nor I are on commission here, but let me echo Ed: the JPS NIR-12 is an outstanding instrument. I count it right up there with my AEA/Tempo

CIA-HF analyzer and my Icom IC-756PRO radio as the best purchases I have ever made in 56 years of hamming.

AFAIK, no other audio DSP processor on the market can equal the capabilities of the NIR-12, plus *all* its features can be operated concurrently!

Hop on this one - they are no longer in production!

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe SOC 262
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Ed Tanton wrote:

>

> Hi Folks... Jan, N0JR posted this on the For Sale Swap ref... this is
> THE best there is for audio DSP filtering. I have two (one for HR & one
> for SWL/etc.) else I'd buy this one.

Date: Sun, 07 Oct 2001 15:57:15 -0500
From: "George, W5YR" <w5yr@att.net>
To: George Franklin <w0av@juno.com>
Cc: qrp-l@Lehigh.EDU
Subject: [108256] Re: Antenna, optimum
Message-ID: <3BC0C1AB.DE903E3E@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Actually, George, I have seen a real (almost) isotropic antenna!

Back in the 70's-80's - just can't recall - a member of our ham club, W1AEL, now with TenTec, built a working model of the almost-isotropic lab antenna designed by the National Bureau of Standards. I am sure that a little searching would turn up something on this design.

If Allan remembers all this, perhaps he could provide a better reference. His email address, per QRZ.COM, is

w1ael@tidalwave.net

Tell him George sent you! <:}

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe SOC 262
Amateur Radio W5YR, in the 56th year and it just keeps getting better!

Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

George Franklin wrote:

>
> Hello Again Gurus,
>
> Neglected to give my call at the end of the previous message. Sorry
> about that.
>
> One thing about isotropic antennas. Awfully difficult to attach coax or
> open wire feeders.

Date: Sun, 07 Oct 2001 18:19:38 -0400
From: Dave Fouchey <dafouchey@home.com>
To: zlau@arrl.org,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [108257] Re: N0SXX on top of CO
Message-ID: <4.1.20011007181850.009504a0@localhost>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

No Joy, didn't hear a peep out of him.

Dave
WA4EMR/8

At 01:21 PM 10/7/2001 -0400, Lau, Zack, W1VT wrote:
>I just worked Gary on 14.0596MHz--Zack W1VT
>his first summit QSO 1713Z

Date: Sun, 7 Oct 2001 18:20:09 -0400
From: nilsbull@juno.com
To: QRP-L@lehigh.edu
Subject: [108258] Oh, dem relays be a clickin' now!
Message-ID: <20011007.182046.-350465.1.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

More adventures I couldn't have unless I got some EPA guys to get all the dead crap out of my basement, which is another story more suited for some comic page. But I've been playing with remote antenna tuners again.

There's these ratchet-relays at Roger's see, and I sprung for one more of 'em so I ran out of wires to send & signal with. Eight wires, eight pins on the mic connector (Eric & Wayne started me on that one. . . I've been using the 8-pin connectors what they use on the K2 as my interconnect twixt control box & remote antenna tuners, see . . .) & about 100 ft of wire to the shed.

So I now have a relay that isolates (yeah, right) the ATU from the antenna & shack when I ain't usin' it & two what shift between four antenna tie-down points. One of 'em is a 1:1 balun. And I managed to mangle up a 7 inch chonk of rack panel to put it all on! Including the power supply for the tuner! (I could have left in in the house & used the power line from the house to the ATU to close a non-ratchet (non-latching) relay but decided I didn't want that kind of trouble. Learned from experience.

Many years ago when Cindy & I were parents of just one tyke (now grown & almost as isolationist as I was at his age), I got a batch of 24V relays out of a bag of junk & cobbled together a power supply to run 'em. Put the relays in a box with a big coil & some capacitors. I was gonna have the box at the base of the 30-ft pole on the roof (yeah, don't tell me about lightning, ok?) & have relays tune it for 40 & all them higher bands.

So there I was on the roof, with the switch in the shack set at position #1 & me on the roof trying to figure out what I wanted to do with that first tap & capacitor set. (You should've seen it. It was more arcane than some of that mumbo-jumbo L.Ron wrote!) I noticed that the relays in question were not holding in. So I go down the ladder to see if I'd turned on the stuff & went into the radio room full of smoke.

The dag-nab switch & power supply box was flame on!

I threw it out the fortunately open window & got a fan to get the stench out of the place. (Them old transformers was full of some kind of real stinky stuff . . . grey blue smoke pourin' out like the fog out of one of them performance art fog machines . . .)

So it's taken me a while to get used to relays in one place & the power supply next to my shakin' fingers. Went through two LDG QRP tuners, one of their new RT11s and the most recent, the SG239 "Smart Tuner." The last one got the power supply in the shed & me with controls (and that power

supply) in the house. It was fun trying to get things working, though.

Like wiring up the LM7815 backwards. Twice. In two places.

Tried the whole deal this mornin' on 10m & had a Q with Dave (G3BLS) in Oxford, UK. He'd just finished reading a book about the Wright brothers. So I'm gonna send him some stuff about the Wright collection in the Wright State University Paul Lawrence Dunbar Library's archives. And the millimeter close to scale repro of the first Wright Flyer that now hangs in the Dunbar Library. You otter see it!

Them guys was nuts! It must have been like flyin' in a box kite!

Anyway, my relays ain't burned up yit.

73

Nils

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes
Sonrientes

W8IJN -- <http://www.geocities.com/nilsbull/w8ijn>

"In MY day we FIGHT to have earphones! Every DAY was STRUGGLE!"

-- Comrade Nikolai Sergeievich McTovarishov, 19

Oct 1917

GET INTERNET ACCESS FROM JUNO!

Juno offers FREE or PREMIUM Internet access for less!

Join Juno today! For your FREE software, visit:

<http://dl.www.juno.com/get/web/>.

Date: Sun, 7 Oct 2001 16:53:14 -0600 (MDT)

From: "Karl F. Larsen" <k5di@zianet.com>

To: "W3CDE Jerry L." <w3cde@bellsouth.net>

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [108259] Re: Antenna, optimum

Message-ID: <Pine.LNX.4.33.0110071651490.2963-100000@cannac.fun>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Jerry, that Glowbar can be a 50 ohm 5 watt resistor. Same effect but alas it has very little gain in the Fox's direction.

On Sun, 7 Oct 2001, W3CDE Jerry L. wrote:

>
>
> Karl,
>
> Sounds like you need a 50 Ohm Global resistor mounted at the
> roof peak/ridge. It will radiate at exactly the angle you
> need.
>
> Jerry
> W3CDE
>
> "Karl F. Larsen" wrote:
> >
> > I want the antenna that has the maximum gain in the proper
> > elevation angle of the Fox, both on 20 and 40 meters.
> >
> > --
> > Yours Truly,
> >
> > - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
> > <http://www.qsl.net/k5di/>
>
>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.qsl.net/k5di/>

End of QRP-L Digest 2335

